

Title (en)
METHOD AND APPARATUS FOR PRODUCING A LIQUEFIED NATURAL GAS STREAM

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN EINES FLÜSSIGERDASSTROMS

Title (fr)
PROCEDE ET APPAREIL DE PRODUCTION D'UN FLUX DE GAZ NATUREL LIQUEFIE

Publication
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Application
EP 05816189 A 20051207

Priority

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Abstract (en)
[origin: WO2006061400A1] Method and apparatus producing a LNG stream, wherein before liquefaction heavier hydrocarbon components are removed from a NG stream to be liquefied, the method at least comprising the steps of: providing a vaporous feed stream (1) of natural gas; feeding the feed stream (1) into a distillation column (10); drawing a bottom stream (17) and an overhead stream (16) from the distillation column (10); and liquefying at least a part of the overhead stream (16) thereby obtaining a LNG stream; wherein the step of feeding the feed stream (1) into the distillation column (10) comprises the sub steps of: splitting the feed stream (1) into first (3a) and second (3b) substreams; feeding the first substream (3a) into the distillation column (10) via a first feed point (7a), at a pressure not lower than the feed stream pressure minus a pressure drop brought about by the said splitting of the feed stream (1); cooling the second substream (3b); and feeding the cooled second substream (7) into the distillation column (10) at a second feed point (7b) overhead of the first feed point (7a).

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